

INTERAGENCY SUSTAINABILITY WORKING GROUP

FEDERAL AGENCY SUSTAINABLE DESIGN ACTIVITIES

JUNE 2, 2004

AGENCY	ACTIVITY
Air Force – Center for Environmental Excellence	Developed new Sustainable Operations Guide. The guide is available at http://www.afcee.brooks.af.mil/products/so/guide
Army – Environmental Program	Initiating an effort to develop a training symposium to train all army installation strategic planners (e.g. construction, procurement, and ranges) on the fundamentals of sustainability. This is an effort to integrate sustainable concepts across all army installations.
Army Corps of Engineers	For fiscal year 2006 all Army building projects are to receive a SPiRiT (Sustainable Project Rating Tool) gold level rating.
Department of Commerce / National Oceanic and Atmospheric Administration	<p>Two LEED-certified projects, which include the Tsunami Warning Center in Palmer, Alaska, and the Weather Forecasting Office in Caribou, Maine</p> <p>Launching the design of a consolidated NOAA laboratory and office facility in Honolulu, Hawaii. This project replaces a NMFS project whose design was expected to meet requirements for LEED Gold. The new project is also expected to be designed to attain LEED Gold certification, and will include a number of energy efficiency elements.</p>
Department of Defense – Pentagon Renovation Program	<p>Recently developed a <i>Field Guide for Sustainable Construction</i> in collaboration with Pennsylvania State University.</p> <p>Plans to construct a new Pentagon Athletic Center (PAC), which will involve the replacement of an existing 55-year-old athletic facility with a larger and more modern building that will include sustainable design and construction features.</p>
Department of Energy	<p>Working with two retail groups to create prototype 'medium box' stores which reduce energy consumption by 50%.</p> <p>Office of Energy Efficiency and Renewable Energy, was invited to support the design team in the Freedom Tower project--specifically windows, day lighting, and building energy simulation (EnergyPlus). Freedom Tower is the centerpiece of new construction at the World Trade Center site. The Freedom Tower will be the world's tallest building (counting the unoccupied radio towers), a 72-story building that will include office space, other amenities and state-of-the-art safety systems.</p> <p>The Federal Energy Management's Advisory Committee has scheduled a public meeting for June 9th in Washington, DC. The meeting will be held at DOE's headquarters facility from 9:00 a.m. to 12:00 p.m. For additional information, contact Seema</p>

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	Vyas at svyas@energeticsinc.com .
Department of Energy – Federal Energy Management Program / Pacific Northwest National Laboratory	<p>Developing cost and performance measurement project for Federal facilities.</p> <p>Collecting and developing easy to use metrics that are technically defensible on the performance of sustainable designed buildings compared to traditionally designed buildings.</p>
Department of Energy – Seattle Region Office	Federal Network for Sustainability is working closely with ISWG.
Department of Interior	<p>Working on a pilot project on LEED for the main interior of the building on an existing building.</p> <p>The Federal Energy Management’s advisory committee Federal Energy Management Advisory Committee is holding a public meeting on June 9th at the Department of Energy from 9:00 a.m. to 12:00 p.m. For additional information contact Seema Vyas at svyas@energeticsinc.com.</p>
Department of State - Overseas Buildings Operations / Design Engineering	Requiring LEED in all new embassy layouts. Developing a prototype documentation submittal for standard embassy design related to LEED to streamline documentation.
Department of Transportation	Seattle’s Federal Aviation Administration’s air traffic control center was recently rated LEED gold.
Environmental Protection Agency	On May 6, signed an EPA new facility construction project for a 422,000 square feet lease with LEED silver. The project consists of a ten year term and is located in Potomac Yards in Arlington, VA.
Environmental Protection Agency – Sustainable Facilities Practices Branch	<p>EPA and GSA awarded a contract for the construction of a new office building in Northern Virginia. Part of the criteria for the new office building is that the building must be Energy Star and at a minimum LEED Silver certified.</p> <p>EPA is also reviewing 5 proposals for the design and eventual construction of a new Denver office building. The designs for the new office building will include numerous environmental elements such as EnergyStar® and LEED Silver certification. The award will be announced this summer.</p>
Indian Health Services	Completed two hospitals with retrofits one in Browning, MT and another in Albuquerque, NM. Both received an Energy star designation. The Browning hospital resulted with a one-third increase in floor space using the latest energy saving technologies. The Albany hospital is a historic building. The building was retrofitted by replacing the HVAC with an entire new plant consisting of groundwater loop heat pump system. The new plant resulted in a 40% drop in energy consumption and reduced maintenance staff by three persons.
Office of the Federal Environmental Executive	Compile results of the Federal Green Building Survey. The purpose of the survey is to update and inform the Federal Green Building Council on Federal green building and energy saving activities. The survey includes questions that address the four

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	priority areas: metrics, research, life-cycle analysis, and information sharing.
National Aeronautics and Space Administration	Providing Sustainable Design and LEED training at NASA centers. Established LEED Silver goal for FY06 construction.
Naval Facilities Engineering Command	<p>Providing NAVFAC's Senior Management with training on LEED.</p> <p>Providing sustainable training activities involve conducting an online training program covering a variety of topics including basic sustainable design concepts. In addition, NAVFAC is developing a design tool to identify synergies between LEED credits and anti-terrorism standards. The agency is also developing metrics and collecting data on return-on-investments for buildings. Data collection will cover geographic diversity for nine situations in a case study format and will include a section on lessons learned.</p>
Tennessee Valley Authority	TVA's 6,000 sf Chickamauga Power Service Center Vehicle Storage building in Chattanooga, Tennessee is under construction. Near Bowling Green Kentucky a 21,000 square feet Paradise Fossil Plant Warehouse is in the design stages. Both buildings incorporate energy efficient lighting, daylighting and passive solar heating.
Joint Federal Efforts - Department of Energy, Naval Facilities Engineering Command, General Services Administration, Environmental Protection Agency, and the Pentagon	Interagency Sustainability Working Group's sub-committee: LEED Supplemental Guidelines for High Performance Buildings met on June 1 st . Draft memorandum of understanding amongst key agencies will be available for review to ISWG members last week of June or first week of July.
Joint Federal Efforts – DOE Seattle Region Office and Naval Facilities Engineering Command	Coordinating August 3-4 workshop, <i>Design Strategies for Low-Energy Sustainable Secure Buildings</i> , in Seattle, WA. Workshop is primarily geared for navy representatives in the Seattle and Fort Lewis region.
Sustainable Buildings Industry Council	<p>Coordinating and facilitating a workshop on <i>Enhancing Sustainability in the Procurement of A&E Services</i>. The workshop will take place on June 22 in Washington D.C. at the National Association of Home Builders. Inviting senior project managers, sustainability coordinators, and A&E procurement officials. All Federal agencies are invited to participate.</p> <p>Also hosting a two-day training workshop, <i>Design Strategies for Low-Energy Sustainable Secure Buildings</i>, in Seattle, WA area on August 3-4, 2004. For more information on both events, contact Richard Paradis at 202-628-7400 Ext 201 or rparadis@sbicouncil.org</p>
University of Pittsburgh	<p>Sponsoring a conference entitled, <i>Engineering Sustainability 2005</i> on April 10-12, 2005, in Pittsburgh, Pennsylvania. Currently accepting papers for the conference</p> <p>For more information visit www.engr.pitt.edu/msi</p>